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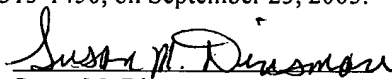
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Manalis, et al. Examiner: Lum, Leon Yun Bon
Serial No.: 10/669,883 Art Unit: 1641
Filing Date: Sept. 23, 2003
Title: FABRICATION AND PACKAGING OF SUSPENDED
MICROCHANNEL DETECTORS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that the foregoing document is being deposited with the United States Postal Service as first class mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to: MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 23, 2005.


Susan M. Dinsmore

Sir:

RESPONSE TO OFFICE ACTION UNDER 37 CFR § 1.111

This Response to Office Action is filed in response to the Office Action mailed March 31, 2005, rejecting claims 1-7, 9-17, 19-21, 28, 43, 44, 46, 161 and 162. The cited references are U.S. Patent Nos. 4,896,966 (hereinafter, "Boisseau"), 5,982,534 (hereinafter, "Pinkel"), 6,337,479 (hereinafter, "Kley"), U.S. Patent Application Publication Nos. 2003/0073070 (hereinafter, "Fritz"), 2004/0038426 (hereinafter, "Manalis"), 2003/0027354 (hereinafter, "Geli"), and publication J. Microelectro. Systems, 6 December 2002, 11(6):703-708 ("Savran"). Applicant respectfully submits that the following amendments and remarks remove all grounds for rejection of the application, thereby placing it in condition for allowance.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 12 of this paper.